				11	EIKA	TECH - TEST PIT LOG		
Project Nar	me: St. Annes	Church	Road/	Bridge I	-503	4	Project No.:112C01017	
Project Loc	cation:Middletc	wn, Del	aware					
Test Pit No	o.: 4					Date Excavated: 10/23/2007	Inspector: Jason Daliessio	
Contractor:	Lewis Environ	mental				Excavation Method: Track Excav	rator	
Surface Ele	evation (ft): Un	known				Groundwater Depth (ft):	Total Depth (ft): 6	
		PID rea	adings		Depth ft)			
Sample	Sample Depth (ft)	Depth (ft	ььм	From	То	Description of	f Materials	Moisture
				0.0		Light brown silty sand with trace fill material (glass, brick))	D
				0.5		Rounded coarse gravels with trace fine-to-medium grains		D
	e a			4.0	6.0	Light brown to orange fine-grained sand; clean; native	2	М
				6.0		End of boring		
								4.
							ē.	
						And the state of t		
						9		
							¥ a	
							2	
						<u>e</u>	Q.	
Notes and	comments	*	Moistu	re code	es: D-c	Iry, M-moist, W-wet, S-saturated		*
·								
			c .					
Samples Co Time	ollected Designati	on	Tim	<u>ne</u>	Des	ignation		

						TECH-TESTTH LOS					
Project Nan	ne: St. Annes	Church	Road/E	Bridge I-	-503		Project No.:112C01017				
Project Loca	ation:Middleto	wn, Dela	aware								
Test Pit No.	: 5			٠		Date Excavated: 10/23/2007	Inspector: Jason Daliessio				
Contractor:l	_ewis Environ	mental				Excavation Method: Track Excava	Excavation Method: Track Excavator				
Surface Ele	vation (ft): Un	known				Groundwater Depth (ft):	Total Depth (ft): 8				
		DIC -	adle = s	Strata							
31	Sample	Depth (ff	Wdd			Description of	Materials	Moisture			
Sample	Depth (ft)	ı	<u>a</u>	From	То			D			
		-		0.0		Light brown silty sand with trace fill material (glass, brick)		D			
		-		1.0	3.0	Orange silty sand with moderate rounded coarse gravels		\top			
		<u> </u>		3.0	6.0	Rounded coarse gravels with trace fine-to-medium graine	ed sands	D			
				6.0	7.0	Rounded coarse gravels with trace fine-to-medium graine	ed sands	D			
						and black cobble (rounded coarse gravel conglomerates)	lack cobble (rounded coarse gravel conglomerates)				
				7.0	8.0	Light brown to orange fine-grained sand; clean; native		М			
				8.0		End of boring	1	1			
						1					
							4				
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		+					7				
	ļ	-	ļ	-	-			-			
NEG-		<u></u>	Maio	ture co	des. D	-dry, M-moist, W-wet, S-saturated					
Notes and	comments		IVIOIS	iule co	ues. D	-ury, Mi-moist, 11-Wet, o-outhrated					
							<u> </u>				
	0.11.2/1						×				
Samples Time	Collected Designa	ation	Т	ime	D	esignation					
					<u> </u>						

		and a little			LIIV	12011-1201111 200				
Project Na	me: St. Annes	Church	Road/	Bridge	I-503	Project No.:112C01017				
Project Loc	ation:Middleto	wn, De	laware							
Test Pit No	.: 6					Date Excavated: 10/23/2007 Inspector: Jason Daliessio				
Contractor:	Lewis Environ	mental				Excavation Method: Track Excavator				
Surface Ele	evation (ft): Un	known				Groundwater Depth (ft): Total Depth (ft): 16				
			eadings		Depth ft)					
Sample	Sample Depth (ft)	Depth (ft	ЬРМ	From	То	Description of Materials	Moisture			
	24	1		0.0	1.0	Light brown sitty sand with trace fill material (glass, brick)	D			
- 5-				1.0	4.0	Light brown to orange silty snd, clean	D			
				4.0		Rounded coarse gravels with moderate fine-to-medium grained sands	D			
				6.5		Rounded coarse gravels; clean	D			
				12.0		Rounded coarse gravels and fine-to-medium grained sands	D			
	2 -	18		16.0		End of boring				
				10.0	-	end or boring				
						§.				
	9									
			1.							
		-								
Motos and	monte		Moist		, 22; D	de M. maiet W. wet C. acturated				
Notes and	comments		Moistu	ire cou	ies. D-	-dry, M-moist, W-wet, S-saturated				
Samples C	cllected									
Time	Designat	ion	Tim	ne T	Des	esignation				

Project Nar	ne: St. Annes	Church	Road/	Bridge I	-503		Project No.:112C01017			
Project Loc	ation:Middleto	wn, Del	aware							
Test Pit No	.: 7					Date Excavated: 10/24/2007	Inspector: Jason Daliessio			
Contractor:	Lewis Environ	mental				Excavation Method: Track Excava	itor			
Surface Ele	evation (ft): Un	known				Groundwater Depth (ft):	Total Depth (ft): 5			
		PID re	adings		Depth					
Sample	Sample Depth (ft)	Depth (ff	ΡΡΜ	From	То	Description of	Materials	Moisture		
		12		0.0		Light brown silty sand with trace fill material (glass, brick)				
				1.0	4.0	Rounded coarse gravels with moderate fine-to-medium grained sands				
				4.0		Tan to light brown fine-to-medium grained sands; clean; na				
				5.0		End of boring	V.			
				0.0		and the state of t				
							electronical de la constant de la co			
52.1										
							<i>a</i>			
						2 2				
						3				
			S.							
**										
Notes and	comments		Moist	ire coo	les: D-	dry, M-moist, W-wet, S-saturated				
,							en e			
Samples C Time	Collected Designat	tion	Tir	ne T	De	signation				
	2 2 2 3 1 1 1									

Project Nan	ne: St. Annes	Church	Road/			TECH-TEST FIT LOG	Project No.:112C01017	
	ation:Middleto						1, 10,000	
Test Pit No.						Date Excavated: 10/24/2007	Inspector: Jason Daliessio	
Contractor:l	Lewis Environ	mental	1-16-5-17-17-17			Excavation Method: Track Excava		•
Surface Ele	vation (ft): Un	known				Groundwater Depth (ft):	Total Depth (ft): 8	7
		PID re	adings		Depth ft)			
Sample	Sample Depth (ft)	Depth (ft	РРМ	From	То	Description of I	Materials	Moisture
				0.0		Light brown silty sand with trace fill material (glass, brick)	2	
				0.5		Fill material (ash, glass bottles (clear, blue and amber), ten	rra-cotta pipe, brick)	
				3.0		Tan to light brown fine-to-medium grained sands with trace		
				4.0		Gray sandy clay, clean; soft	.0.	
				8.0		End of boring		
						and to being		
			ν:					
=								
						× 26	2	
							7	
						2		
Notes and o	omments	1	Moistu	ire cod	es: D-	dry, M-moist, W-wet, S-saturated		
						. S		
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Samples Co Time	ollected Designati	ion	Tim	ne	Des	signation		

Desir at No.	Ct Annaa	Church	Dood/	Dridge I	E02				Project No.	:112C01017	
	ne: St. Annes			Briage	1-503				Project No.	.112001017	
Project Loc	ation:Middleto	wn, Del	aware					The foreign of	La sa sa	W MAN WAS	
Test Pit No	.:9						Date Excavated: 10/24/	² 007	Inspector:	Jason Daliessio	
Contractor:	Lewis Environ	mental					Excavation Method: Tra	ck Excavat	or		
Surface Ele	evation (ft): Un	known	3				Groundwater Depth (ft)		Total Depth	(ft):4	
		PID re	adings		Depth ft)						
Sample	Sample Depth (ft)	Depth (ft	Mdd	From	То		Desc	ription of N	/laterials		Moisture
A				0.0	1.0	Light br	own silty sand with moderate fill ma	iterial (glass, bric	k)		D
				1.0			erial (ash, glass bottles, terra-cotta				D
	100 E			3.0		1	ight brown fine-to-medium grained	**************************************	ive		М
				4.0		End of t					
							S				1
-		<u> </u>								***	
						t.				<u>8</u>	
											
	<u> </u>		100		daa: D	de:	M moint W.wat Can	turated			
Notes and	comments		MOISU	ure coo	ies: D	-ary, i	M-moist, W-wet, S-sa	lurated			
									Total Control of the		
											
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Samples C	Collected Designa	tion	Tir	me	De	esigna	ation				
11116	Designa					Joigi Te			*		
	1										

Project Na	me: St. Annes	Church	Road/	Bridge		Project No.:112C01017				
	ation:Middleto					1 reject (16 1 / 200 10 1 /				
		WII, Dei	aware			Date Excavated: 10/24/2007 Inspector: Jason Daliessio				
Test Pit No		¥ .040								
	Lewis Environ					Excavation Method: Track Excavator				
Surface Ele	evation (ft): Un	known		r		Groundwater Depth (ft): Total Depth (ft):6	т—			
		PID re	adings		Depth	9				
Sample	Sample Depth (ft)	Depth (ft	Mdd	From	То	Description of Materials	Moisture			
				0.0	0.5	Light brown silty sand with moderate fill material (glass, brick)	D			
				0.5		Fill material (ash, glass bottles, terra-cotta pipe, brick)	D			
				4.5		Tan to light brown fine-to-medium grained sands; clean; native				
				6.0		End of boring				
				5.0						
				-			<u> </u>			
							 			
					-		\vdash			
							 			
	0									
							_			
	1170									
	t									
Notes and	comments	2	Moist	ure coo	les: D-	-dry, M-moist, W-wet, S-saturated				
0	Nallants 1									
Samples C Time	Collected Designat	tion	Tir	me	De	signation				

						A TECH - TEST FIT LOG	
Project Nar	ne: St. Annes	Church	Road/l	Bridge I	-503 	Project No.:112C01017	
Project Loc	ation:Middleto	wn, Del	aware				
Test Pit No.	.: 11					Date Excavated: 10/24/2004 Inspector: Jason Daliessio	
Contractor:	Lewis Environ	mental				Excavation Method: Track Excavator	
Surface Ele	evation (ft):					Groundwater Depth (ft): Total Depth (ft): 2	
	*	PID re	adings		Depth		
Sample	Sample Depth (ft)	Depth (ft)	Wdd	From	To	Description of Materials	Moisture
Campie	Dopar (ii)			0.0		Light brown silty sand with moderate fill material (glass, brick)	D
				0.5		Tan to light brown fine-to-medium grained sands; clean; native	D
				2.0		End of boring	
		8					
				-			.*
							520
	·						
		8					
				3	8		
					2	and the second s	
Notes and An interface consi		and native c				-dry, M-moist, W-wet, S-saturated cation. This was interpreted in the field as as identifing the outermost extent of the fill material.	
15155					- ator-do		
Samples C Time	Collected Designation	tion	Tir	me T	De	esignation	

Project Nan	me: St. Annes	Church	Road/			Project No.:112C01017	
	ation:Middleto						
Test Pit No.	.:12					Date Excavated: 10/24/2007 Inspector: Jason Daliessio	
Contractor:I	Lewis Environ	mental				Excavation Method: Track Excavator	
Surface Ele	vation (ft):Unk	known				Groundwater Depth (ft): Total Depth (ft): 3	
F		PID re	adings	Strata	a Depth (ft)		
Sample	Sample Depth (ft)	Depth (ft)	PPM	From	То	Description of Materials	Moisture
2 1				0.0		5 Light brown silty sand with moderate fill material (glass, brick)	D
	6			0.5		Tan to light brown fine-to-medium grained sands; clean; native	D
				3.0		End of boring	
				0.0		End of boring	
ir lo				7			-
					\vdash		-
			$\vdash\vdash\vdash$		\vdash		-
			\vdash		\vdash		
8					\vdash	<u> </u>	
							9
L .							
	26						
Notes and	comments	9	Moistu	re coc	les: D-	D-dry, M-moist, W-wet, S-saturated	
58				13			
Samples Co Time	ollected Designati	ion	Tin	ne	De	esignation	

				• '						····	
Project Nar	ne: St. Annes	Church	Road/l	Bridge I	l-503				Project No.:	112C01017	
Project Loc	ation:Middleto	wn, Del	aware								
Test Pit No	.:13		72	*		Dat	e Excavated: 1	0/24/2007	Inspector:	Jason Daliessio	,
Contractor:	Lewis Environ	mental				Exc	avation Method	d: Track Exca	vator		
Surface Ele	vation (ft):Unl	known	-	-		Gro	undwater Dept	h (ft):	Total Depth	(ft). :3	
p			adings		Depth ft)	•	*1		*		0
Sample	Sample Depth (ft)	Depth (ft)	PPM	From	То	ГО		Description of Materials			Moisture
				0.0	0.5	Light brown s	ilty sand with moderate	e fill material (glass,	brick)	-	D
				0.5			rown fine-to-medium g		1		D
e 19				2.0		End of boring					
						or borning					
									.1		
10											
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				į.							
								1'			
Notes and An interface cons		and native c					noist, W-wet, as interpreted in the fie		e outermost extent of t	he fill material.	
							"			enter a transport	
				· · · · · · · · · · · · · · · · · · ·	ii 8				-	*	
	\										
Samples C Time	Collected Designate	tion	Tir	me	De	signation	1			-	

Project Nar	ne: St. Annes	Church	Road/l			Project No.:112C01017			
Project Loc	ation:Middleto	wn, Del	laware		* *************************************				
Test Pit No	.: 14	200				Date Excavated: 10/24/2007 Inspector: Jason Daliessio			
Contractor:	Lewis Environ	mental			•	Excavation Method: Track Excavator			
Surface Ele	vation (ft): Un	known				Groundwater Depth (ft): Total Depth (ft): 4			
		PID re	adings		Depth ft)				
Sample	Sample Depth (ft)	Depth (ft	PPM	From	То	Description of Materials	Moisture		
	e			0.0		Light brown silty sand with moderate fill material (glass, brick)	D		
				0.5		Fill material (ash, glass bottles, terra-cotta pipe, brick)	D		
				4.5		End of boring	1		
				4.0		End of boning	† ***		
	1								
			-				-		
-									
				-					
			Majat		1221 D	da. Marsial Word Control			
Notes and	comments		MOIST	ire coc	ies: D-	dry, M-moist, W-wet, S-saturated			
				4					
Samples C	ollected		-						
Samples C Time	Designat	ion	Tin	ne	De	signation			

					CIN	A TECH - TEST PIT LOG	- 000000
Project Na	me: St. Annes	Church	Road/	Bridge I	I-503	Project No.:112C01017	
Project Loc	cation:Middleto	own, De	laware				
Test Pit No	.: 15		77 - 271/2000			Date Excavated: 10/24/2007 Inspector: Jason Daliessio	
Contractor:	Lewis Environ	nmental				Excavation Method: Track Excavator	
Surface Ele	evation (ft): Un	ıknown				Groundwater Depth (ft): Total Depth (ft): 4	
	T	PID re	eadings		Depth ft)		g g
Sample	Sample Depth (ft)	Depth (ft	PPM	From	То	Description of Materials	Moisture
				0.0	0.5	Light brown silty sand with moderate fill material (glass, brick)	D
	-			0.5	4.0	Tan to light brown fine-to-medium grained sands; clean; native	D
				4.0		End of boring	
						4	
£							
						*	
						~	
Notes and	comments area of fill materal wa					dry, M-moist, W-wet, S-saturated	
							18.
:							
Samples C Time	ollected Designati	ion	Tim	ne	Des	signation	

					EIRA	115	CH-1E31 FIT LOG				
Project Name: St. Annes Church Road/Bridge I-503 Project No.:112C01017											
Project Loc	ation:Middleto	wn, De	laware								
Test Pit No	.:16						Date Excavated: 10/24/2007	Inspector: Jason Daliessio			
Contractor:	Lewis Environ	mental	1				Excavation Method: Track Excavator				
Surface Elevation (ft): Unknown							Groundwater Depth (ft):	Total Depth (ft): 4			
			eadings	Strata Depth (ft)							
Sample	Sample Depth (ft)	Depth (ft	PPM	From	То		Description of M	Materials	Moisture		
_	940			0.0	0.5	Light brown silty sand with moderate fill material (glass, brick)					
				0.5	4.0	Tan to li	ive .	D			
				4.0		End of b		5			
							1)	1			
						8					
								2			
v)			
							7	25.			
Notes and	Notes and comments Moisture codes: D-dry, M-moist, W-wet, S-saturated										
								2			
							3				
Camples C						-					
Samples Collected Time Designation Ti				ne	De	signa	ition				
		-									

Project Nar	ne: St. Annes	Road/l				Project No.:112C01017								
Project Loc	ation:Middleto	wn, Del	aware											
Test Pit No.	.: 17				D	ate Exc	avated: 1	0/24/200	7	Inspector:	Jason Dali	essio		
Contractor:		E	Excavation Method: Track Excavator											
Surface Ele		G	roundw	ater Dept	th (ft):		Total Depth (ft):4							
					Depth		35						1313	
Sample	Sample Depth (ft)					Description of Materials							Moisture	
Campic	Deptir (it)			0.0		Light brown	ight brown silty sand with moderate fill material (glass, brick)							D
				0.5		Tan to light brown fine-to-medium grained sands; clean; native								D
			:	4.0										
				4.0		End of boring								
							· · · · · · · · · · · · · · · · · · ·							
	2													
						<u> </u>		h						
-		*												
		-												
					22									
						<u> </u>			0 - 1	12.1				L.,
Notes and	comments		Moist	ure cod	des: D-	-ary, M-	-moist,	vv-wet,	S-satura	itea				
											-			
0	Sallante d													
Samples Collected Time Designation Time Design						esignatio	on				8			